



FIG. 1C

301
hTRADEalpha_1
hTRAIN_1
hTRADEbeta_1
hApo420pep
Consensus

350
CGEFSDAWPL M QNPMGGDNI SFCDSYPELT GEDIHSLNPE LESSTSLSN
CGEFSDAWPL M QNPMGGDNI SFCDSYPELT GEDIHSLNPE LESSTSLSN
CGEFSDAWPL M QNPMGGDNI SFCDSYPELA GEDIHSLNPE LESSTSLSN
CGEFSDAWPL M QNPMGGDNI SFCDSYPELT GEDIHSLNPE LESSTSLSN
CGEFSDAWPL M QNPMGGDNI SPCDSYPELT GEDIHSLNPE LESSTSLSN

351
hTRADEalpha_1
hTRAIN_1
hTRADEbeta_1
hApo420pep
Consensus

400
SSQDLVGGAV PVQSHSENF AATDLSRYNN TLVESASTQD ALTMRSQLDQ
SSQDLVGGAV PVQSHSENF AATDLSRYNN TLVESASTQD ALTMRSQLDQ
SSQDLVGGAV PVQSHSENF AATDLSRYNN TLVESASTQD ALTMRSQLDQ
SSQDLVGGAV PVQSHSENF AATDLSRYNN TLVESASTQD ALTMRSQLDQ
SSQDLVGGAV PVQSHSENF AATDLSRYNN TLVESASTQD ALTMRSQLDQ

401
hTRADEalpha_1
hTRAIN_1
hTRADEbeta_1
hApo420pep
Consensus

423
ESGAIHPAT QTSLQEA~~~ SEQ ID. NO: 2
ESGAVIHPAT QTSLQEA~~~ SEQ ID. NO: 11
ESGAIHPAT QTSLQVRQRL GSL SEQ ID. NO: 4
ESGAVIHPAT QTSLQVRQRL GSL SEQ ID. NO: 12
ESGA-IHPAT QTSLQ--QRL GSL SEQ ID. NO: 13

#15



FIG. 2

TRADE- α
TRADE- β

	ESGAIHPATQTSLQEA	SEQ ID. NO: 14
	ESGAIHPATQTSLQVRQLGSL	SEQ ID. NO: 15
401	416	423



FIG. 3

CRD1

NGFRp75	CPTGLYT.H	SGEC	.CKAC	NLGEGVAQPC	..G.ANQTVCE	SEQ ID. NO: 16
OX40	CGDTYP..S	NDRC	.CHEC	RPGNGMVSRC	..SRSQNTVCR	SEQ ID. NO: 17
CD40	CREKQYL.L	NSQC	.CSLC	QPGQKLVSDC	..TEFTETECL	SEQ ID. NO: 18
TRADE	CRQQEFRDR	SGNC	VPCNQC	GPGMELSKEC	GFGYGEDAQCV	SEQ ID. NO: 19

CRD2

NGFRp75	PCLDSVTFS	DVVSATEPCK	PCTECVGLQS	MSAP...C	VE	ADDAVC	SEQIDNO:20
OX40	PC..GPGFY	NDVVSSKPCK	PCTWC.NLRS	GSEKQLCTA	TQDTV	C	SEQIDNO:21
CD40	PCGES.EFL	DTWNRETHCH	QHKYCDPNLG	LRVQQKGTSE	T.DTIC		SEQIDNO:22
TRADE	TCRLHR.FK	EDWGFQK.CK	PCLDCAVVN.	.RFQKAN	SA	TSDAIC	SEQIDNO:23